



# Product Evaluation

DR790 | 1016

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** DR-790

**Effective Date:** October 1, 2016

**Re-evaluation Date:** September 2020

**Product Name:** 8'-0" Glazed Iron Arch Top Inswing Entry Doors, Single and Double, Non-Impact Resistant

**Manufacturer:** Complex Industries  
5768 Distribution Dr.  
Memphis, TN 38141  
Telephone: (901) 547-1198

## General Description:

System	Description	Label Rating	Drawing Number
1	3'4" x 8'-0" Glazed Iron Single Door, Inswing; (X)	+65/-70 PSF	TX-4598
2	6'0" x 8'-0" Glazed Iron Double Door, Inswing; (XX)	+50/-65 PSF	TX-4599

## Component Dimensions:

System	Overall Size	Panel Size	Daylight Opening Size
1	44" x 98"	40-1/2" x 94-1/2"	28-1/4" x 65-1/2"
2	74" x 98"	35-1/4" x 94-1/2"	22-3/4" x 65-1/4"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1, 2	5" Barrel Hinges Steel	2	Hardware shall be installed in accordance with Complex Industries drawings: <ul style="list-style-type: none"> <li>TX-4598 (single door)</li> <li>TX-4599 (double door)</li> </ul> Dated 2/01/16, signed & sealed by Lyndon F. Schmidt, P.E. on 9-12-16
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980)	1 each	

**Product Identification (Manufacturer Label on Door):**

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Complex Industries
	Product Name	3'4" x 8'-0" Glazed Iron Single Door, Inswing (X)
	Drawing Number	TX-4598
	Test Standards	ASTM E330-02
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Complex Industries
	Product Name	6'0" x 8'-0" Glazed Iron Double Door, Inswing (XX)
	Drawing Number	TX-4599
	Test Standards	ASTM E330-02

**Impact Resistance:**

System	Impact Resistant	Requirement
1,	No	Provide an impact protective system when installing the product in areas that require windborne debris.

**Acceptance of Smaller Assemblies:** Door assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

**Installation:**

System		
1,2	Type of Installation	The doors shall be installed and anchored in accordance with Complex Industries drawings: <ul style="list-style-type: none"> <li>TX-4598 (single door)</li> <li>TX-4599 (double door)</li> </ul> Dated 2/01/16, signed & sealed by Lyndon F. Schmidt, P.E. on 9-12-16
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.